

Figure 1

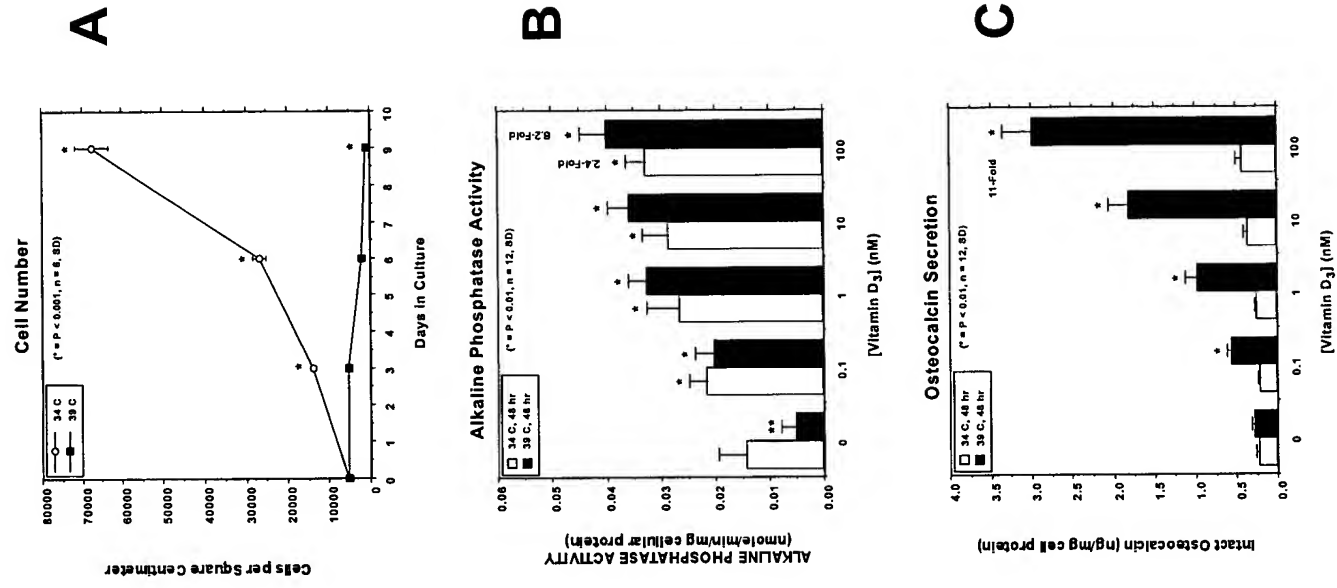


Figure 2

**Regulation of Intracellular cAMP Levels
by Parathyroid Hormone in the HOB-01-C1-PS-09 Cells**

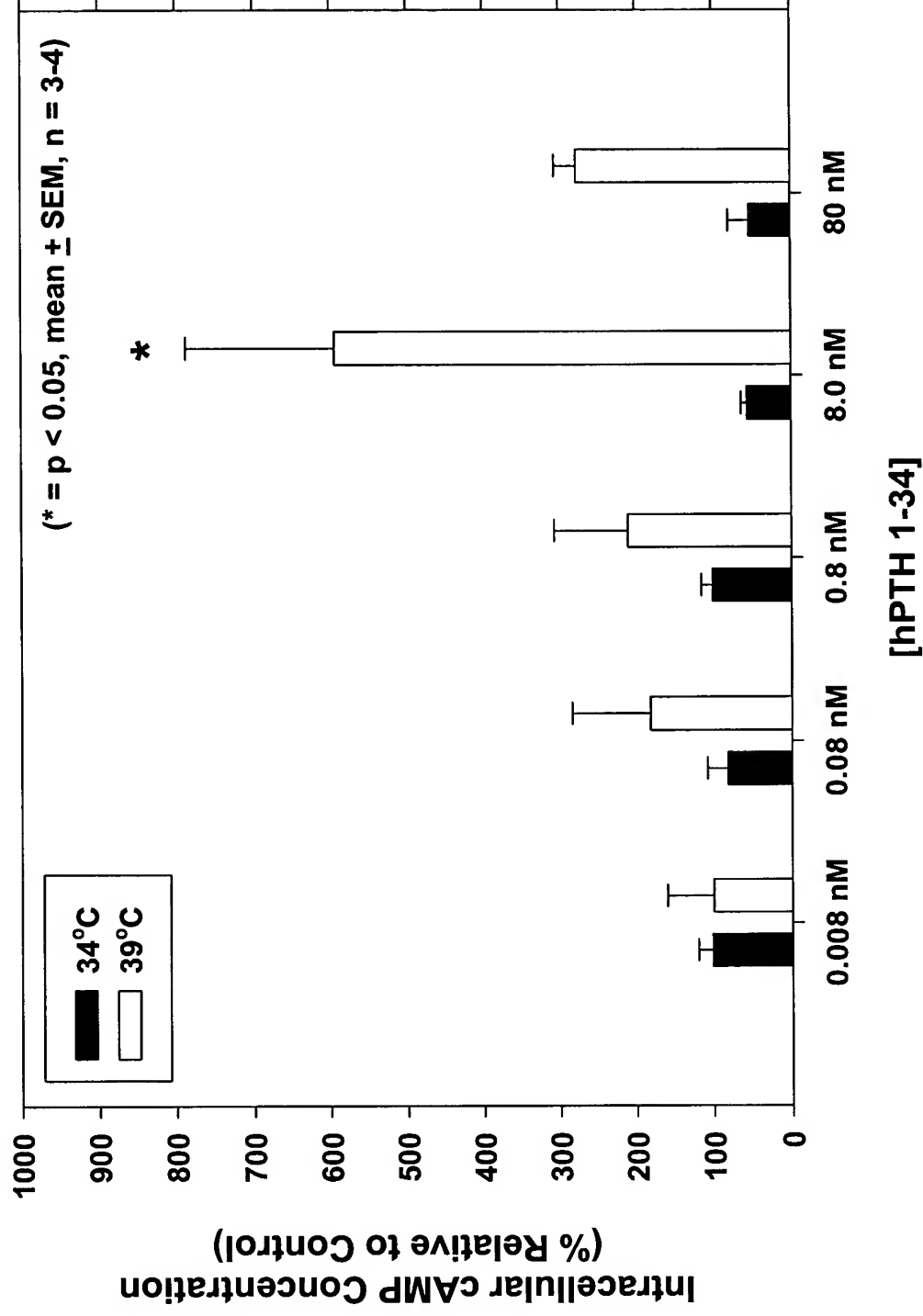


Figure 3

**Regulation of Alkaline Phosphatase Activity
by Dexamethasone in the HOB-01-C1-PS-09 Cells**

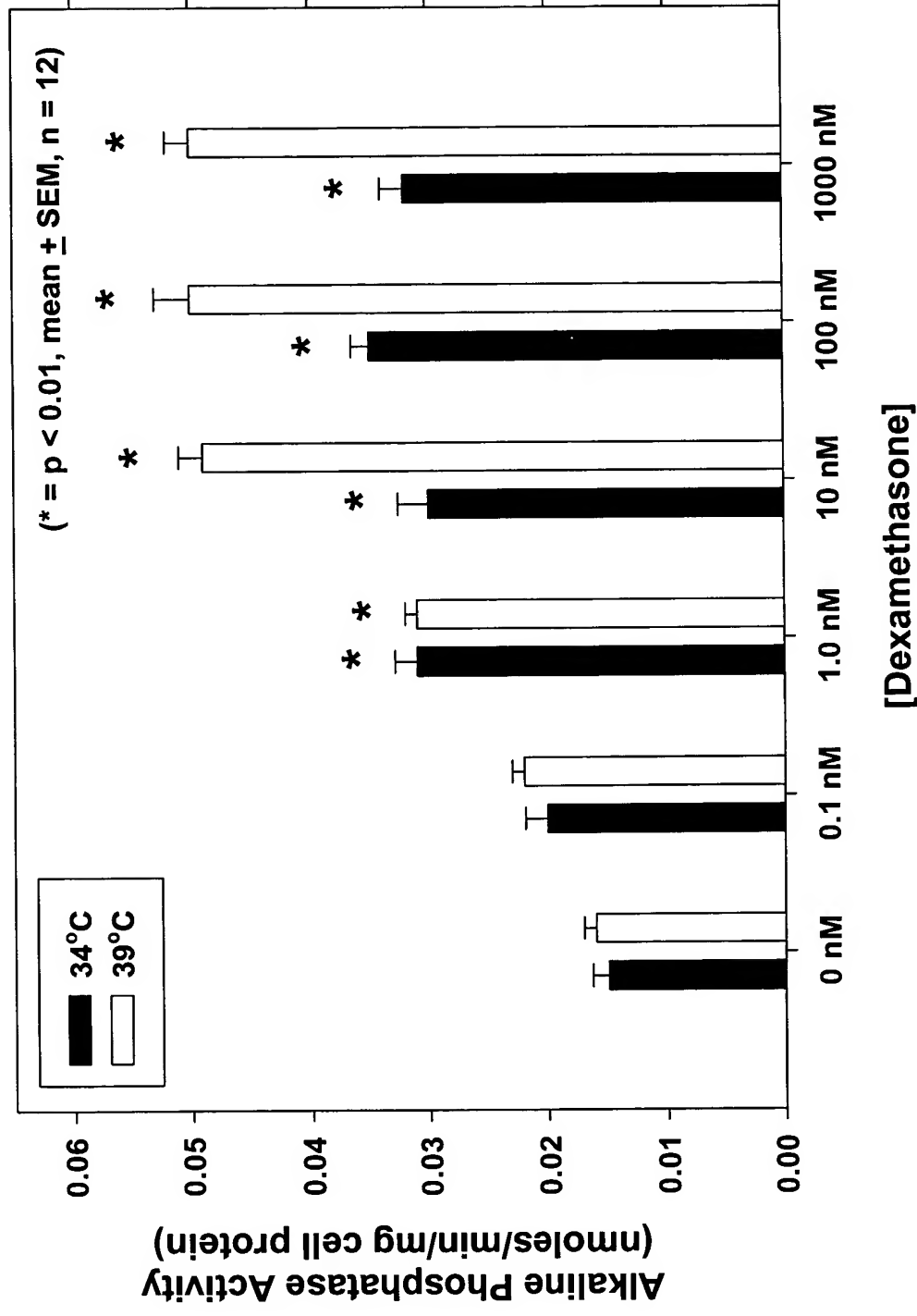


Figure 4: Osteogenic RADE Confirmation: SFRP
poly(A)+ RNA Multiple Tissue Northern Blot
(Excised RADE Fragment as Probe)

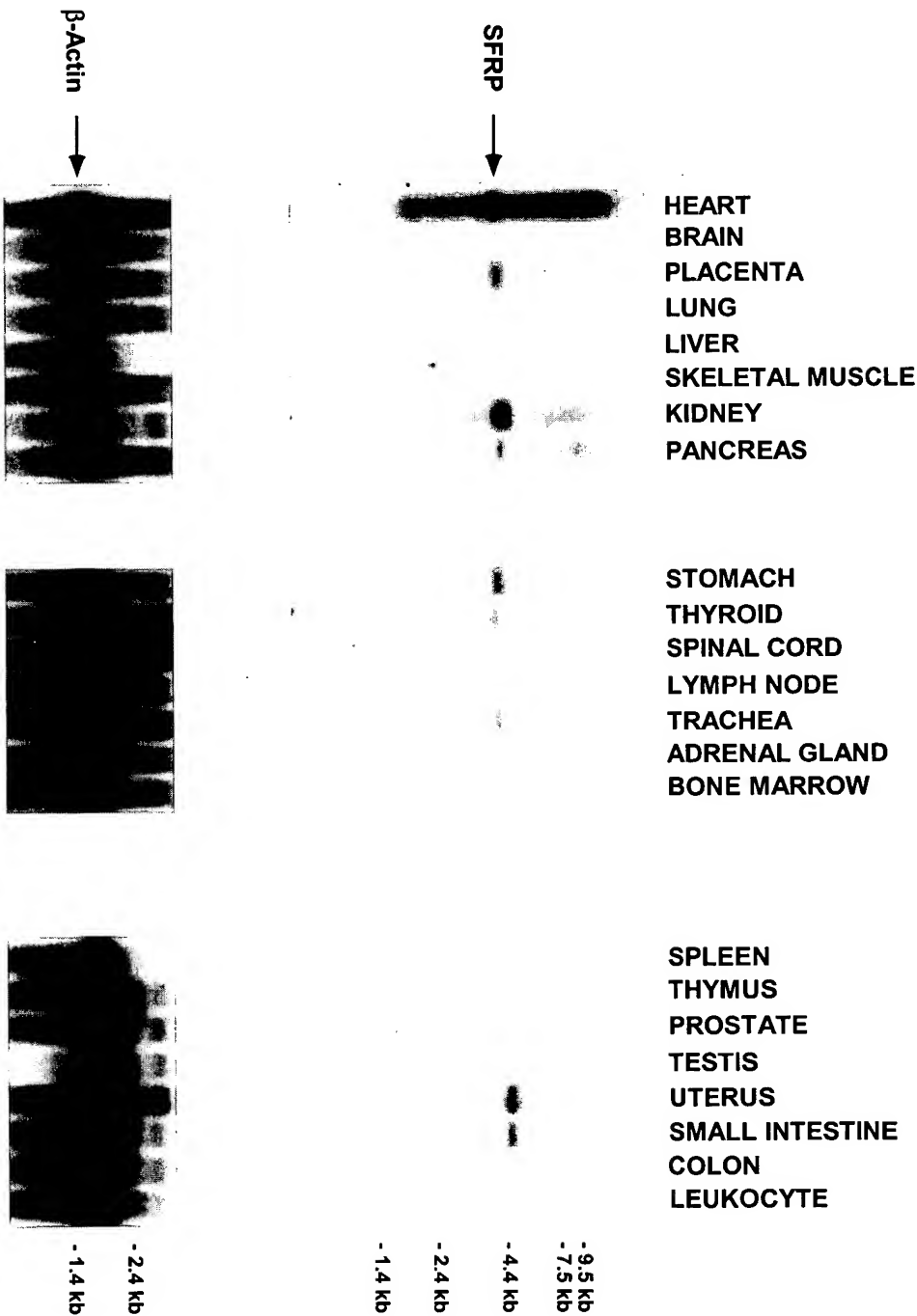


Figure 5: Osteogenic RADE Confirmation: SFRP
poly (A)+ RNA Northern Blot
 (Probed with Cloned 1.1 kb Fragment)

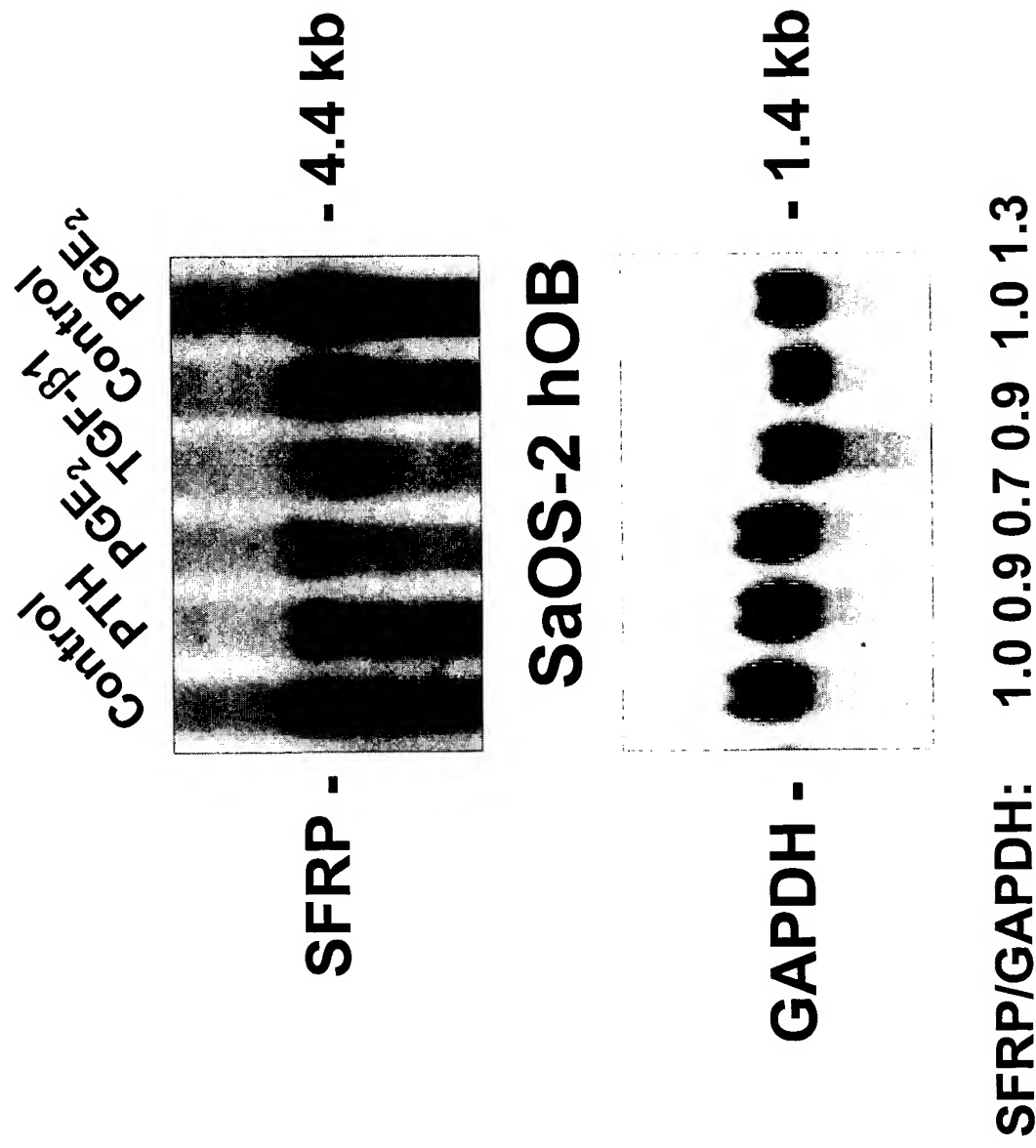
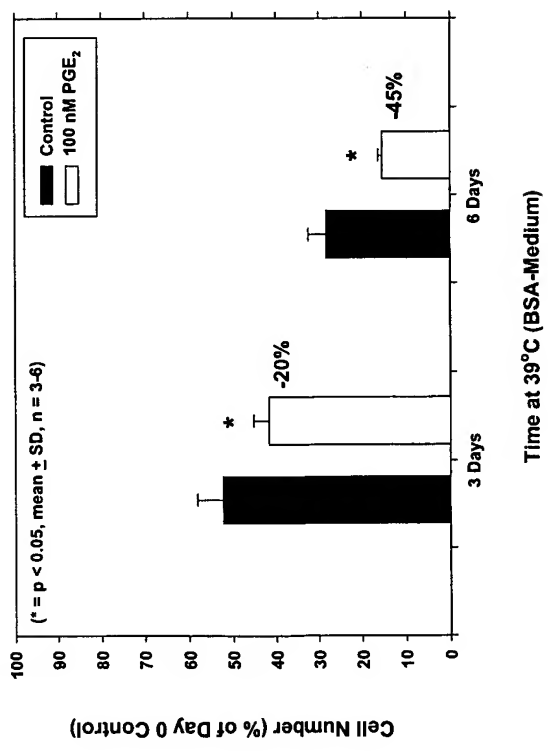


Figure 6

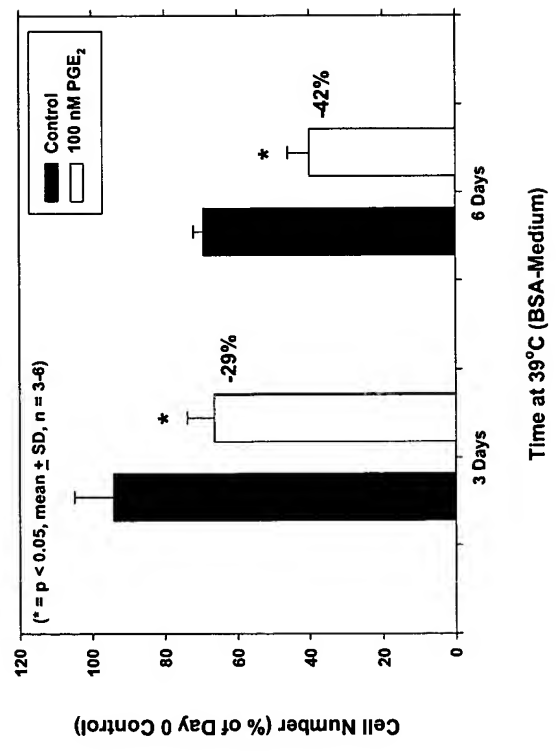
A

Effect of PGE₂ Treatment on HOB-03-C5 Cell Viability



B

Effect of PGE₂ Treatment on HOB-03-CE6 Cell Viability



C

TGF- β 1 Treatment Increases HOB-01-C1 Cell Viability

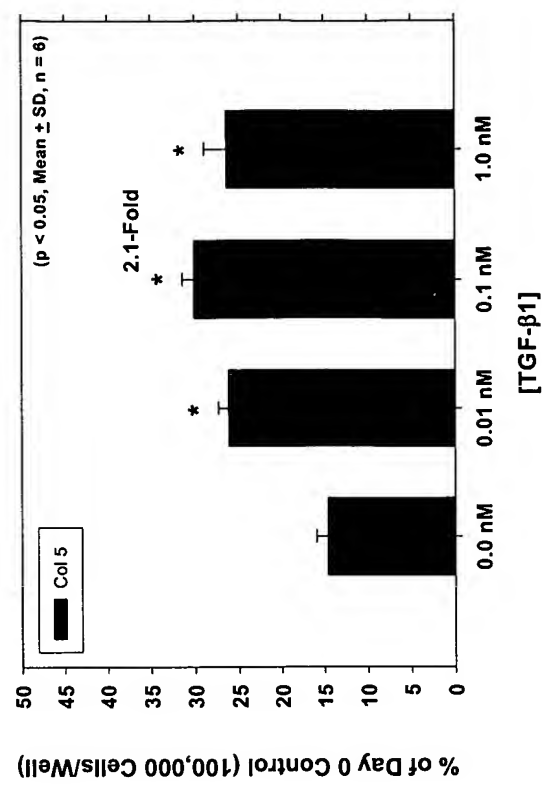


Figure 7
B
Effect of PGE₂ on Proliferative-Stage
HOB-03-C5 Cell Apoptosis

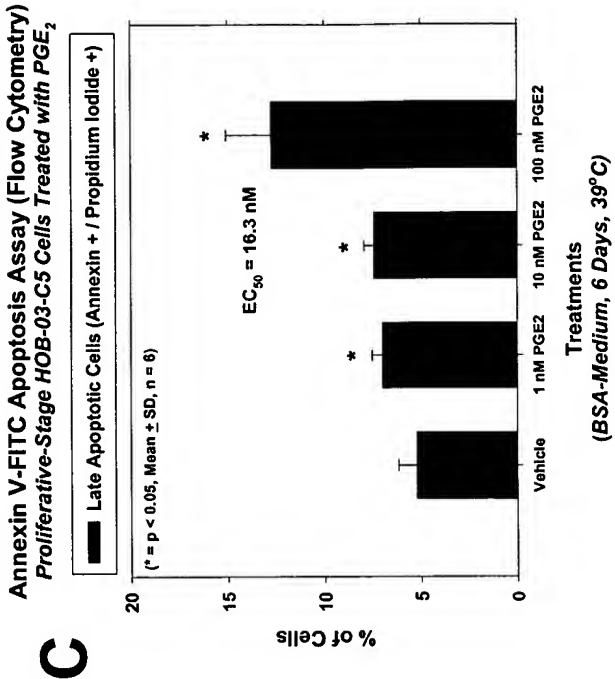
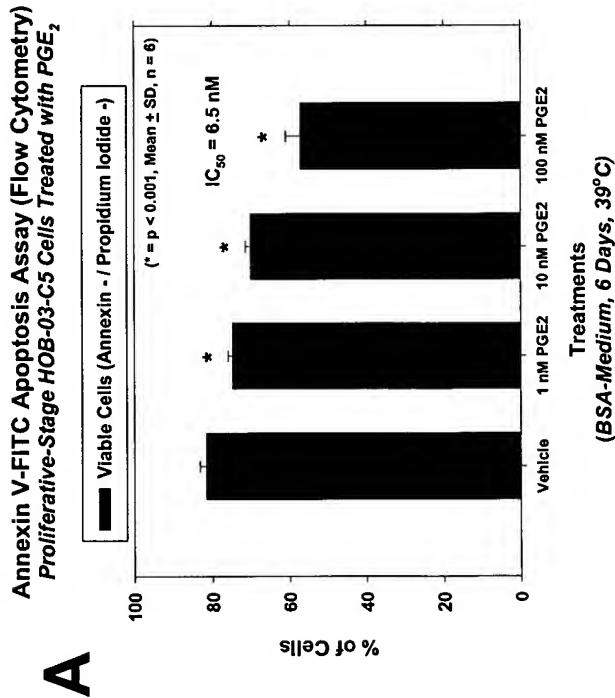
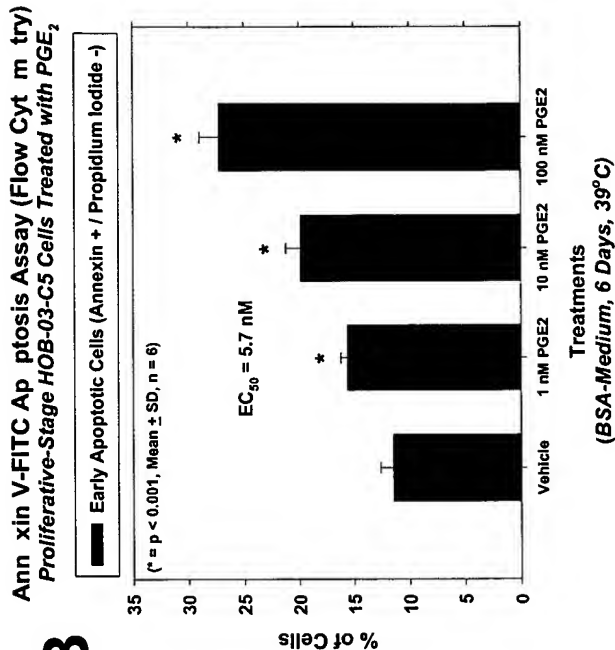
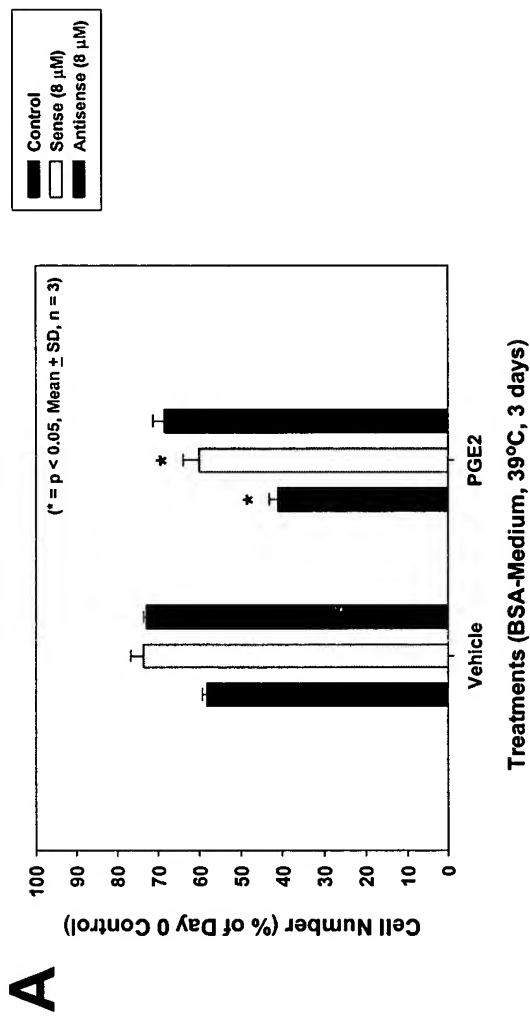


Figure 8

An Initiation Site-Directed Antisense Oligonucleotide for SARP-2
Reverses the Induction of Cell Death by PGE₂ in HOB-03-C5 Cells



An Initiation Site-Directed Antisense Oligonucleotide for SARP-2
Reverses the Induction of Cell Death by PGE₂ in HOB-03-CE6 Cells

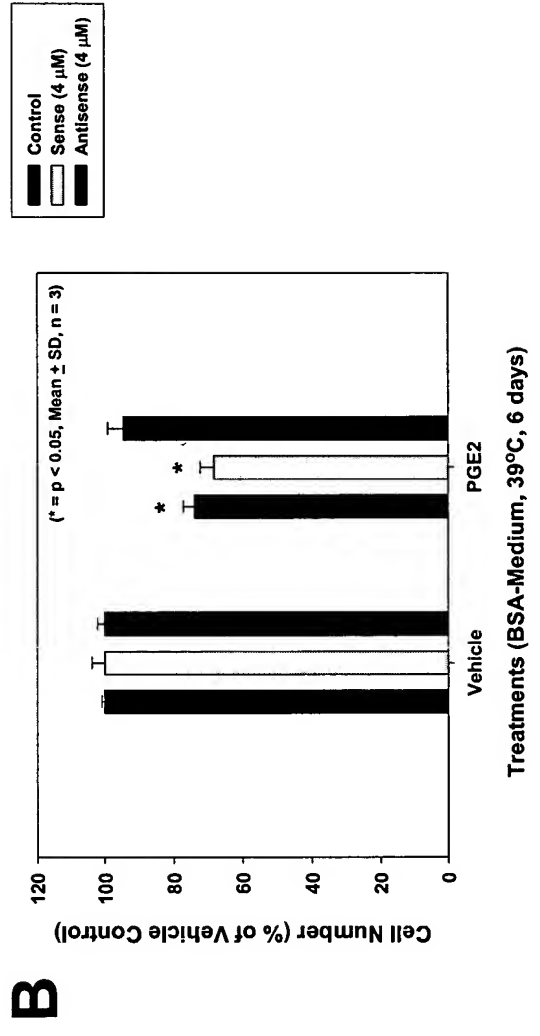
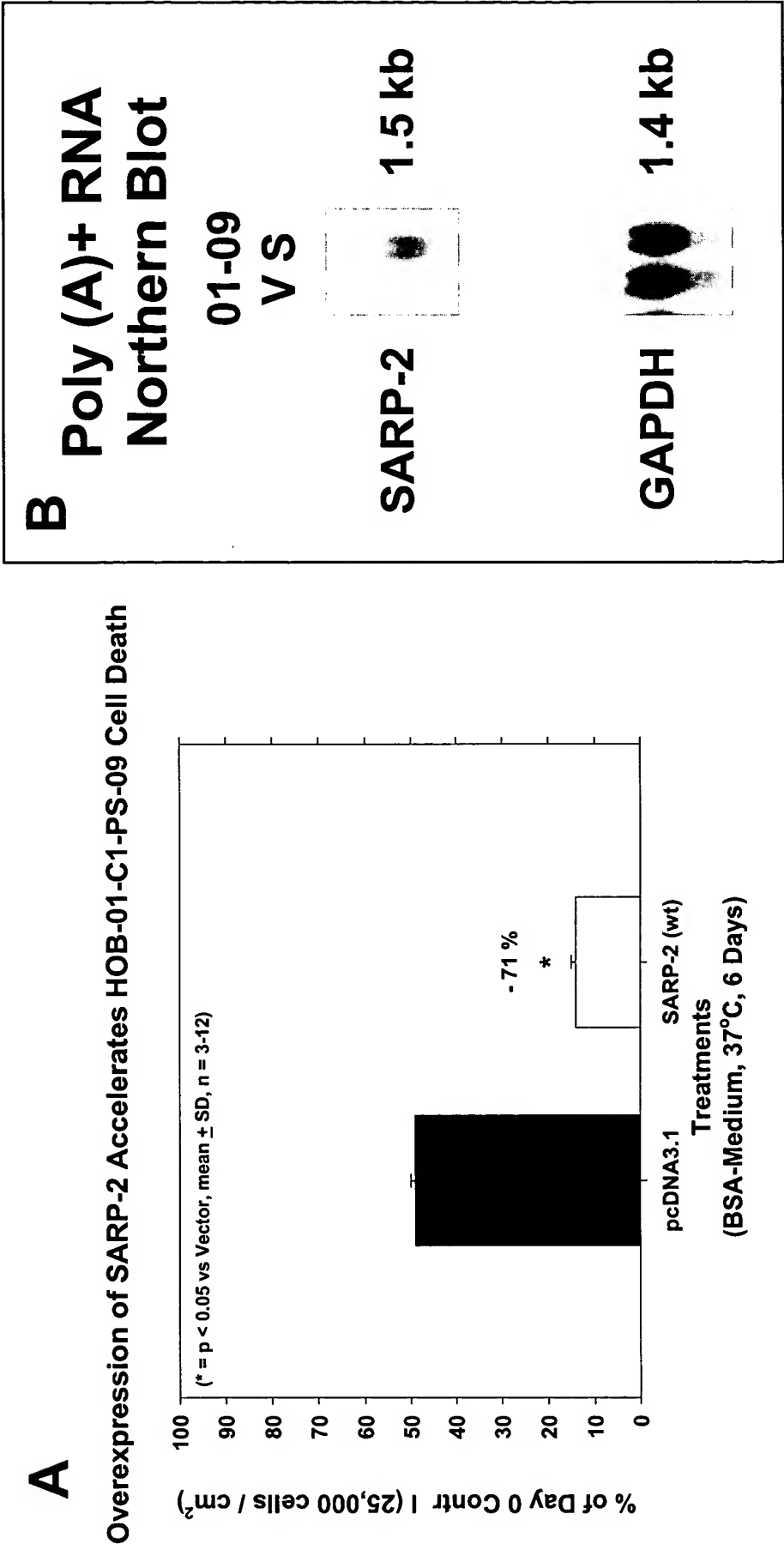


Figure 9

SARP-2 Overexpression Accelerates HOB Cell Death
In Vitro Target Validation



(Cell Number Determined by the Coulter Counter)

Figure 10

SARP-2 Overexpression Accelerates HOB Cell Death

In Vitro Target Validation

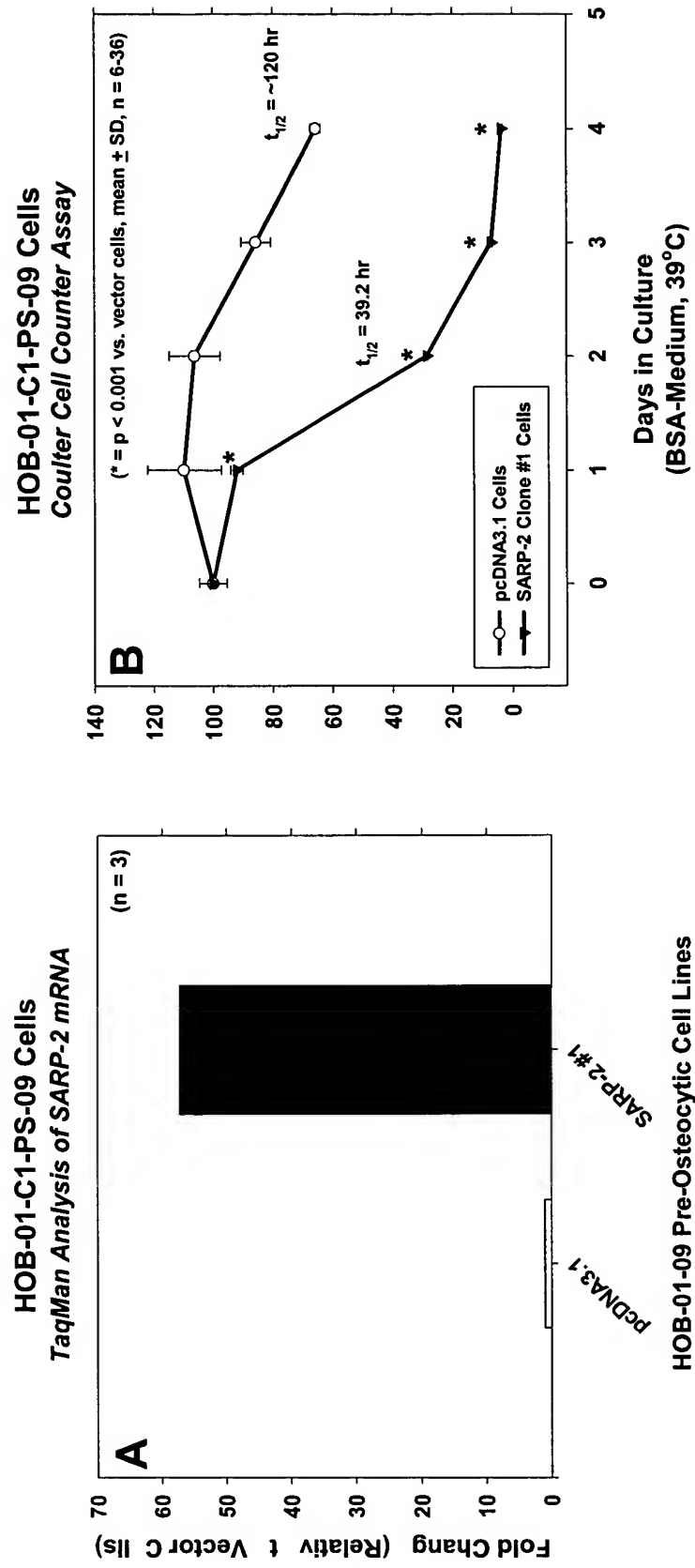


Figure 11: Use of human FRP-1/SARP-2 and the HOB Cells in a Screening Paradigm for an Anabolic Bone Agent

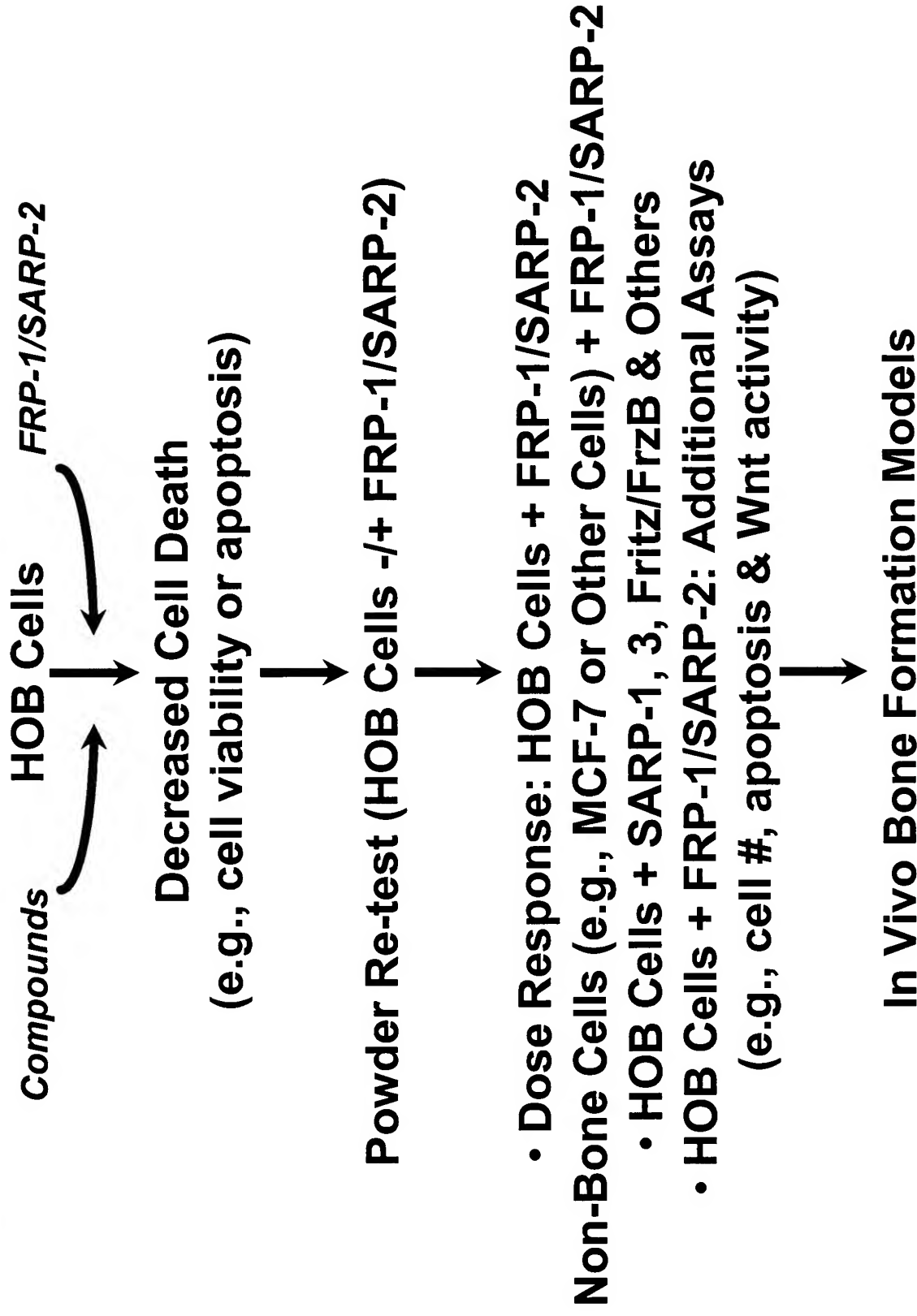
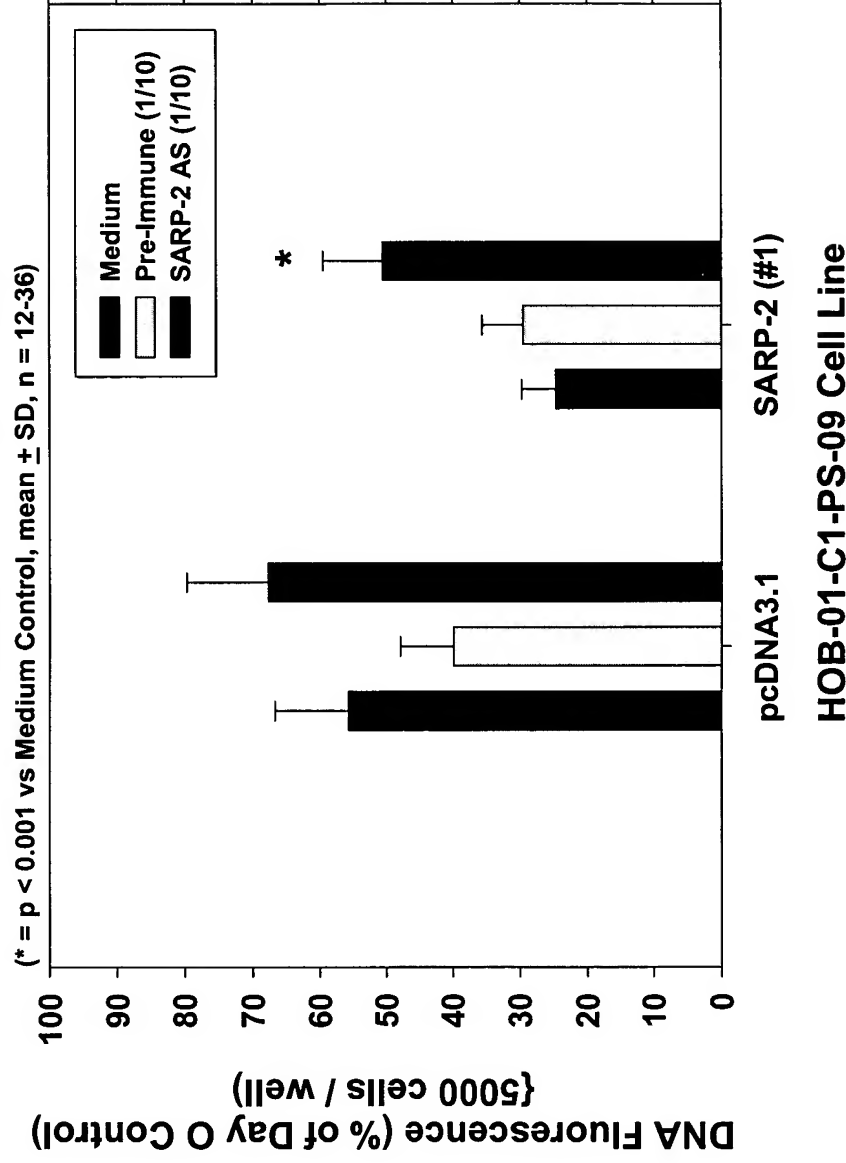


Figure 12

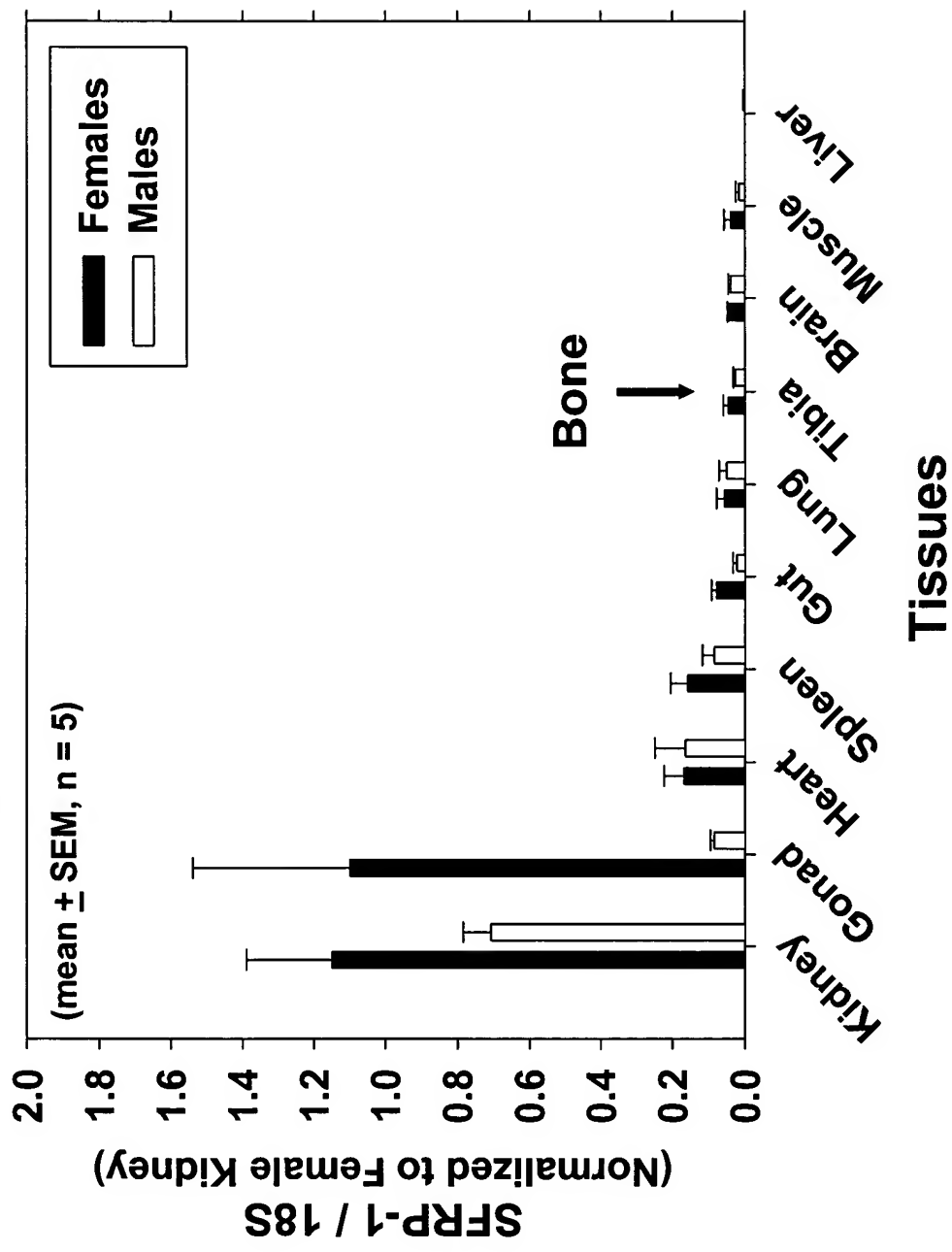
SARP-2 Antisera Reverses SARP-2 Induced Cell Death CyQuant HTS Assay



[BSA-Medium, 39°C, 3 Days]

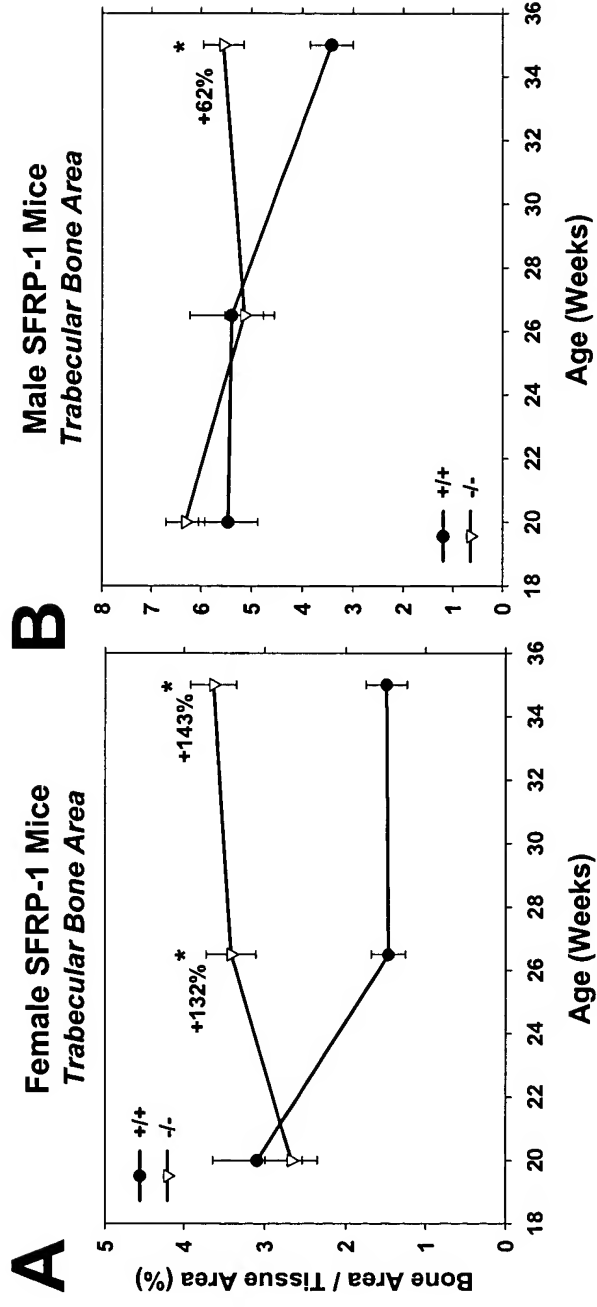
Relative Tissue Distribution of Mouse SFRP-1 TaqMan Quantitative RT-PCR Analysis of Total RNA

Wild-Type C57BL/6J Mouse Tissues Figure 13



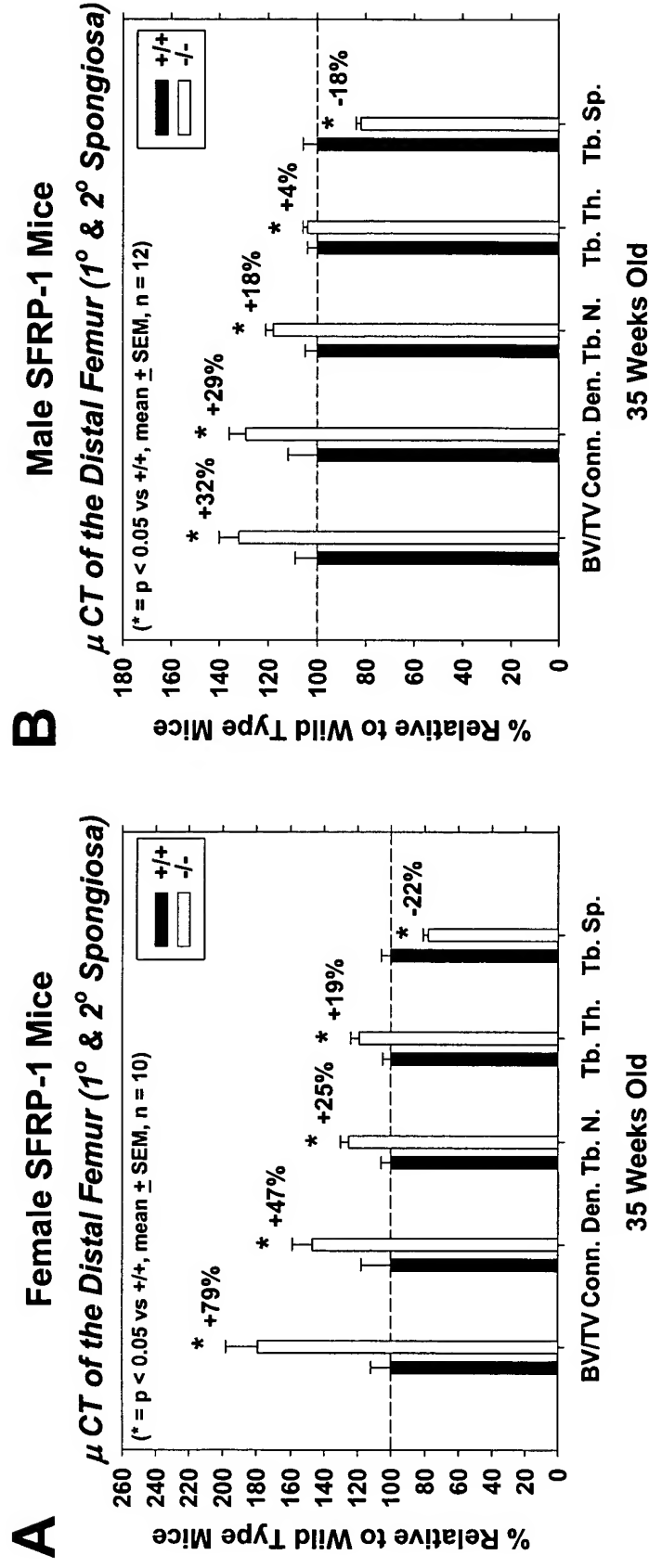
SFRP-1 mRNA is Highly Expressed in the Kidney & Ovary

Figures 14A and B



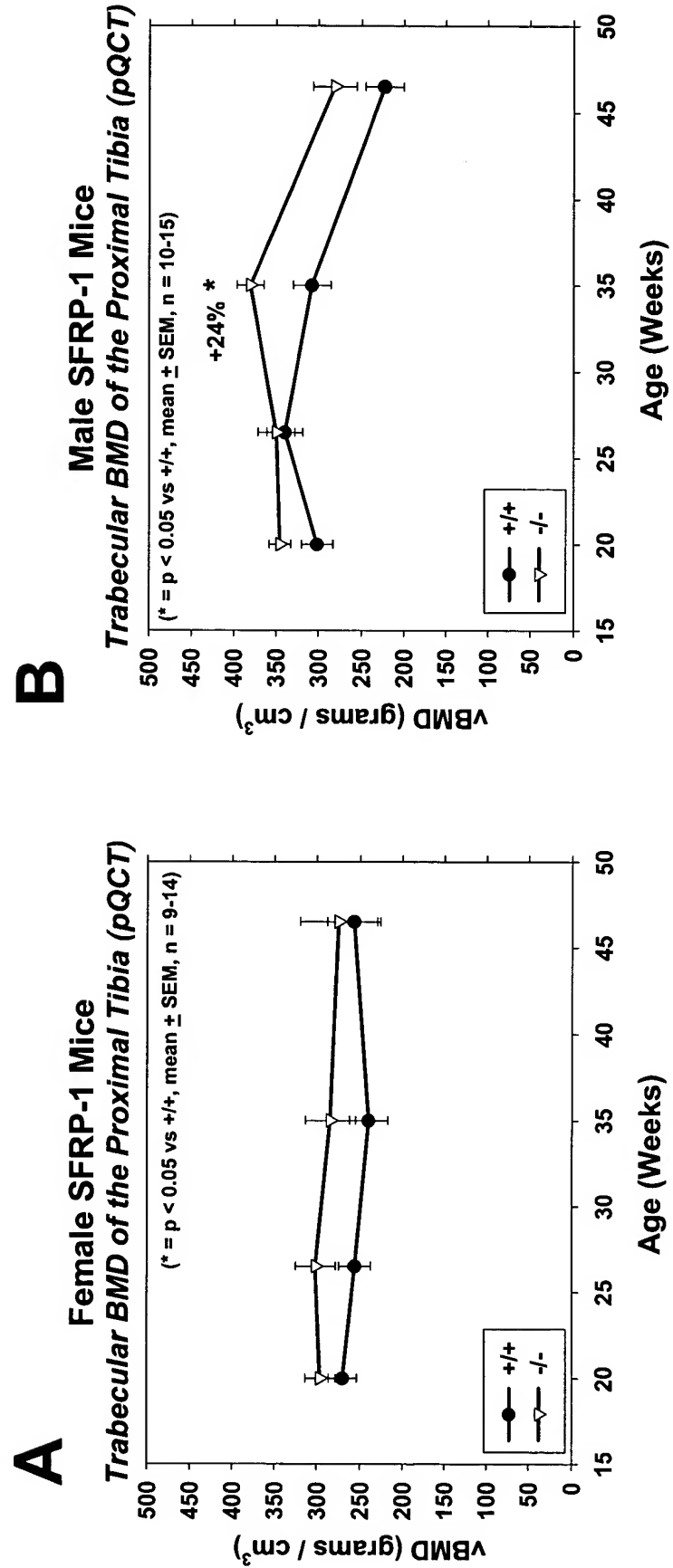
SFRP-1 KO Mice

Figure 15



SFRP-1 KO Mice

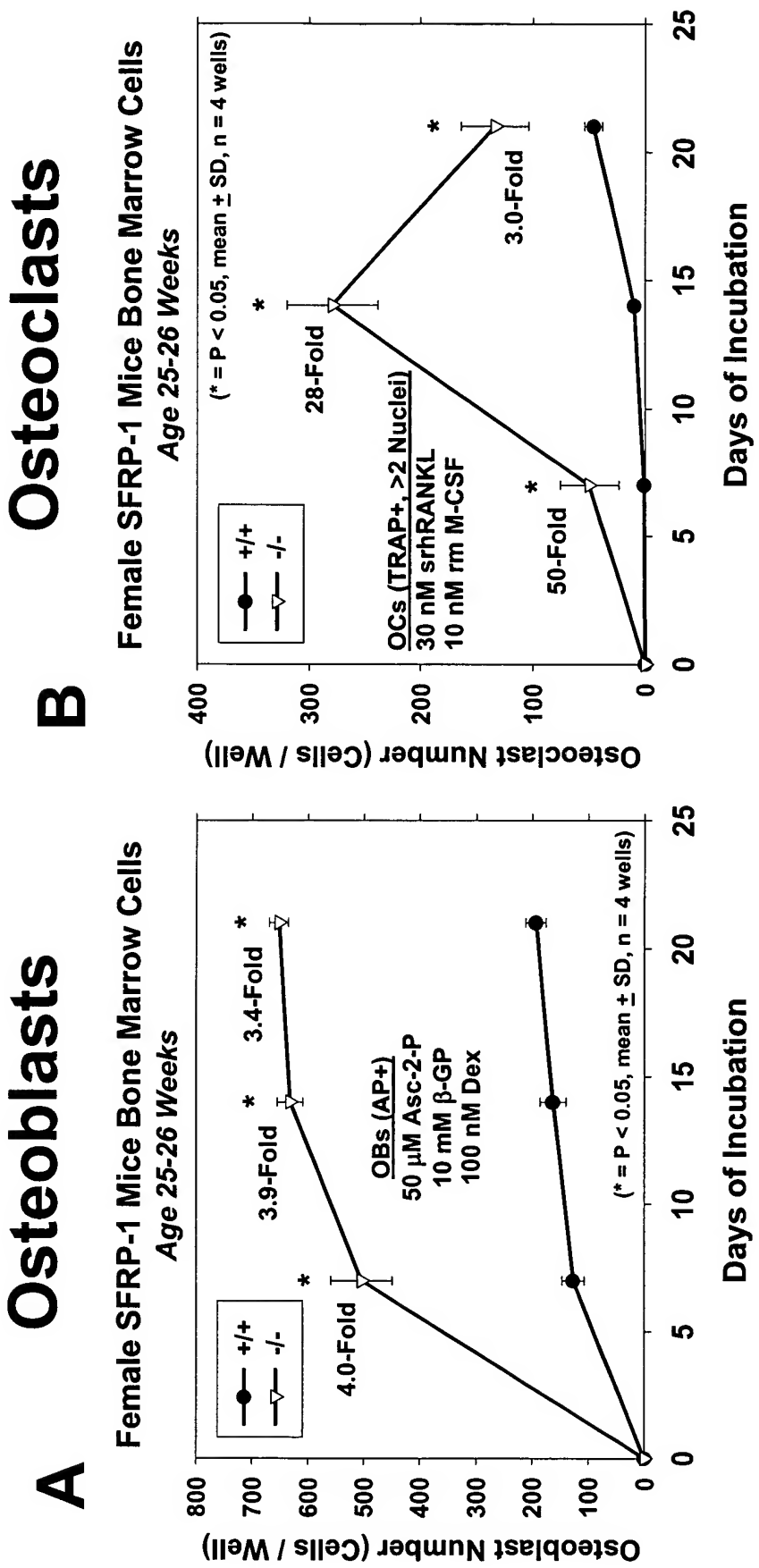
Figure 16



SFRP-1 Knock-Out Mice

In Vitro Differentiation of Bone Marrow Cells

Figure 17



Deletion of SFRP-1 In Vivo Enhances Osteoblast and Osteoclast Differentiation In Vitro

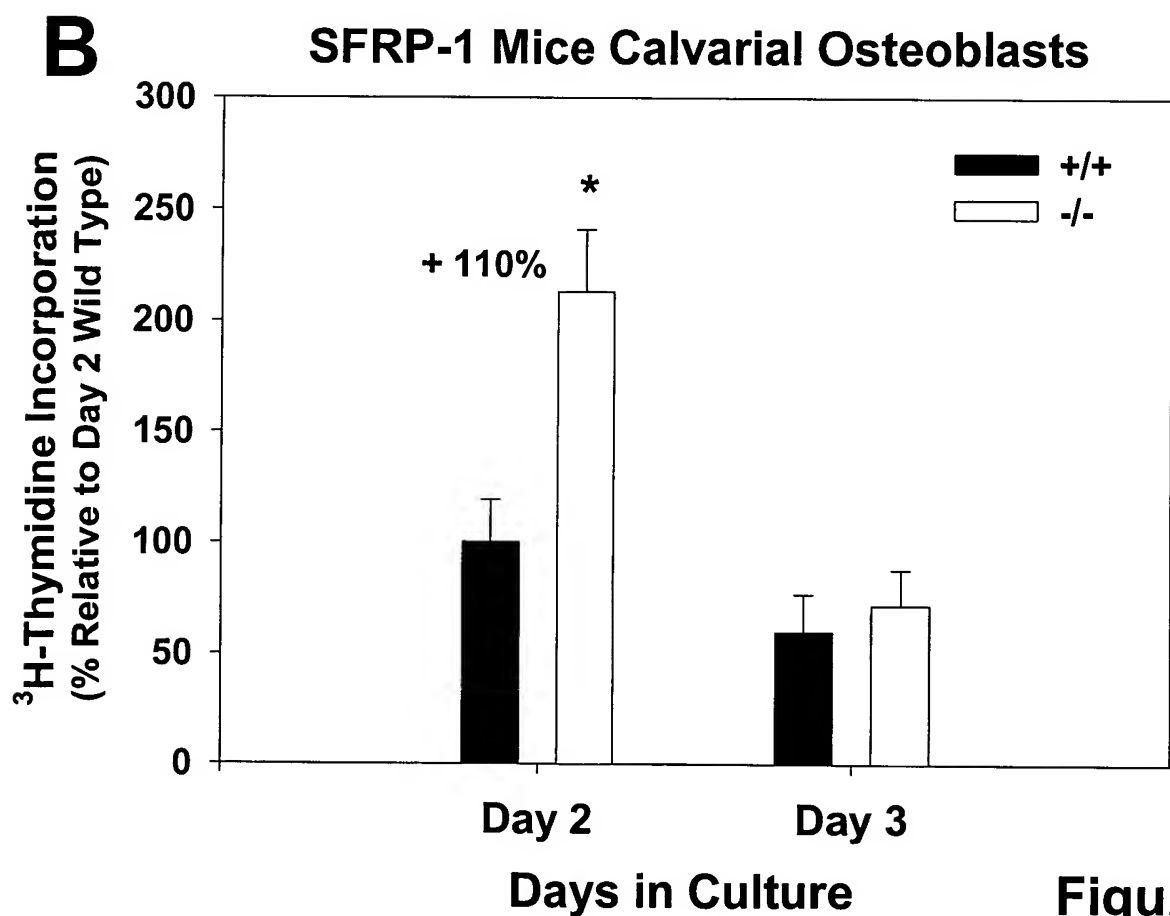
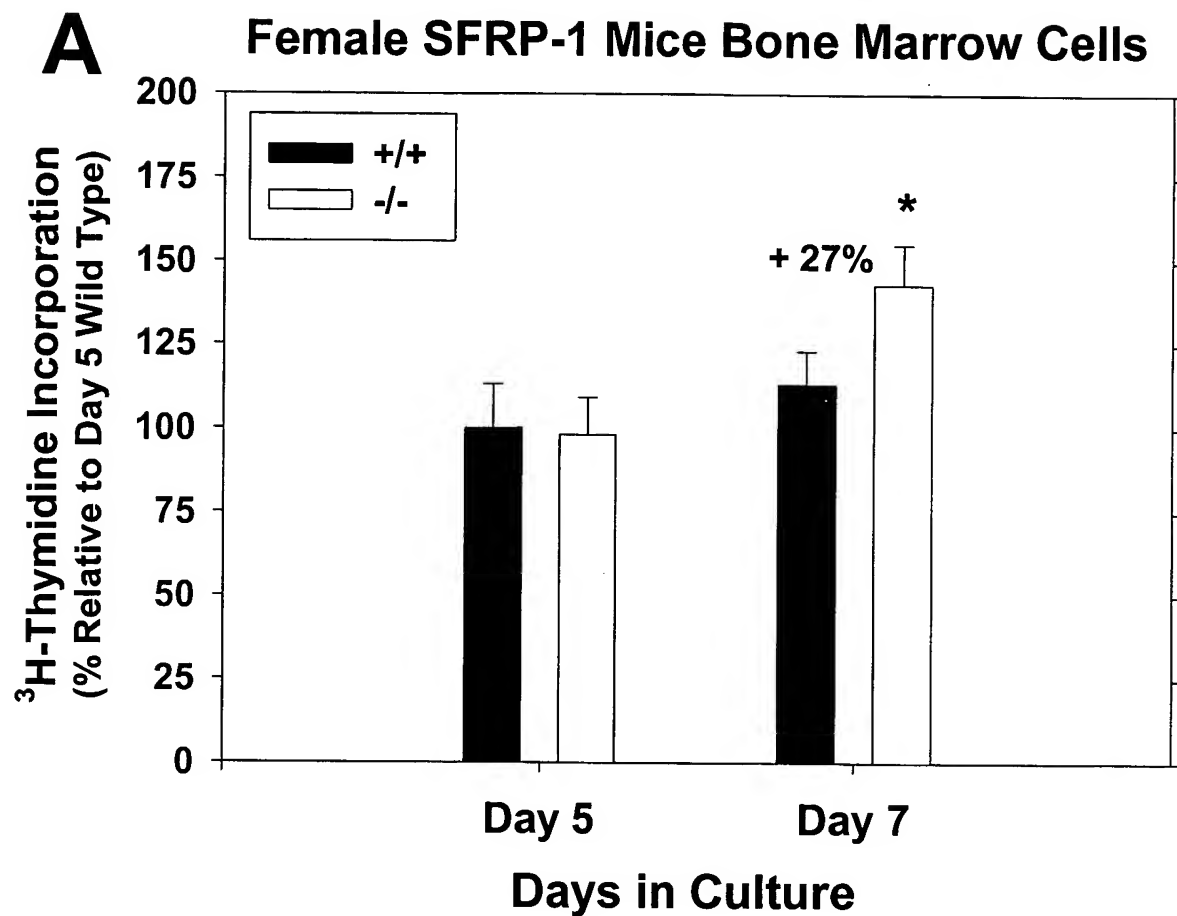


Figure 18